Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-3. (cancelled)

4. (currently amended) A medical device, comprising:

an elongate shaft having a proximal end, a distal end, a first lumen extending therethrough, and a second lumen extending therethrough;

a balloon coupled to the shaft, the balloon having a first inflated configuration and a second non-inflated configuration, wherein the balloon has a plurality of wings formed therein when in the second configuration; and

one or more cutting members affixed to the balloon, the one or more cutting members each having a longitudinal axis,

wherein the one or more cutting members each include a traction region that is configured to improve traction between the balloon and a target site,

wherein the traction region is defined by a series of undulations in the cutting members, and

~~The medical device of claim 3,~~ wherein the undulations curve from side-to-side relative to the longitudinal axis.

5-14. (cancelled)

15. (currently amended) A cutting balloon catheter, comprising:

an elongate catheter shaft;

a balloon coupled to the shaft, the balloon having a first inflated configuration and a second non-inflated configuration, wherein the balloon has a plurality of wings formed therein when in the second configuration;

a cutting blade affixed to the balloon, the cutting blade including means for cutting and means for gripping thereon and having a longitudinal axis;

wherein the means for cutting and means for gripping are defined by a series of undulations on the cutting blade; and

~~The catheter of claim 14,~~ wherein the undulations curve from side-to-side relative to the longitudinal axis.

16-24. (cancelled)

25. (withdrawn) A method for treating an intravascular lesion, comprising the steps of:

providing a balloon catheter, the balloon catheter including a catheter shaft, a balloon coupled to the shaft, and a cutting blade coupled to the balloon, the cutting blade including a traction surface that is configured to improve the traction between the balloon and a target site;

advancing the balloon catheter through a blood vessel to a position adjacent a target site; and

inflating the balloon, whereby the traction surface engages the target site and improves the traction between the balloon and the target site.